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THE PLANT DISEASE REPORTER

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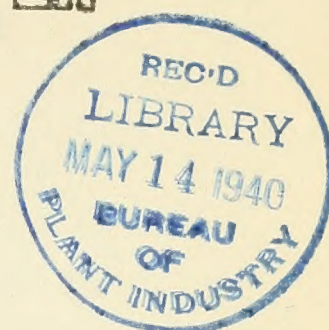
A BRIEF HOST INDEX OF SOME PLANT PATHOGENS AND VIRUS

DISEASES IN EASTERN ASIA

May 1, 1940



The Plant Disease Reporter is issued as a service to plant pathologists throughout the United States. It contains reports, summaries, observations, and comments submitted voluntarily by qualified observers. These reports often are in the form of suggestions, queries, and opinions, frequently purely tentative, offered for consideration or discussion rather than as matters of established fact. In accepting and publishing this material the Division of Mycology and Disease Survey serves merely as an informational clearing house. It does not assume responsibility for the subject matter.



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DISEASES IN EASTERN ASIA

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Supplement 122

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The following index has been compiled on the basis of records which may be traced in Merrill and Walker's "A Bibliography of Eastern Asiatic Botany," Arnold Arboretum of Harvard University, Jamaica Plain, Massachusetts, 1938. It is hoped that it will serve as a supplement to the more comprehensive host indexes already published for the region. The latter have been enumerated in this list under the heading "Plants," with the secondary notation "(Host index)."

HOST INDEX

ALGAE

AEGAGROPILA sauteri (Nees) Kützing
Pythium akanense Tokunaga: Tokunaga, Y., 1932.

MARINE ALGAE

Nadsoniomyces sphenoides Kudriavtsev: Kudriavtsev, V.I., 1932.

FUNGI

ELAPHOMYCES

Cordyceps: Imai, Sanshi, 1929.

ELAPHOMYCES subvariogatus Imai

Cordyceps intermedia Imai: Imai, Sanshi, 1934a.

OIDIUM astericola Hino & Katô

Cicinnobolus asteris Hino & Katô: Hino, Iwao, and Katô, Huzio, 1929.

OIDIUM cuonymi-japonici (Arcang.) Sacc.

Cicinnobolus cuonymi-japonici Arcang.: Hino, Iwao, and Katô, Huzio, 1929.

LICHENES

LICHENES

- Chlorocyphella aeruginascens (Karst.) Keissler: Keissler, K. von, 1933.
Leciographa inspersa Rehm: Keissler, K. von, 1933.
 Parasites: Keissler, K. von, 1927.
Phoma lichenis Pass.: Keissler, K. von, 1933.
Tichothocium pygmaeum Körb. var. ceatensporum (Anzi) Wint.: Keissler, K. von, 1933.

MUSCI

POLYTRICHUM gracile Dicks.

- Stagonospora komarovii Ohl: Ohl, I. A., 1922.

FILICALES

FILICALES

- Diseases: Bubák, G., 1916.
Hyalopsora polypodii (Diet.) P. Magn.: Hiratsuka, Naohide, and Uemura, Yakuta, 1932b.
Milesina: Kamei, S., 1932b.
Uredinopsis: Kamei, S., 1932b.
Uredinopsis adianti Kom.: Magnus, P., 1901b.

POLYPODIUM vulgare L.

- Milesina jezoensis Kamei & Hirats. f.: Kamei, S., 1931.

POLYSTICHUM

- Milesina exigua Faull: Hiratsuka, Naohide, and Yoshida, Yasuo, 1932.
Milesina vogesiaca P. & H. Syd.: Hiratsuka, Naohide, and Yoshida, Yasuo, 1932.
 Witches'-broom: Kodama, S., 1911b.

POLYSTICHUM aristatum Swartz

- Taphrina cornu-cervi Giesenh.: Kodama, S., 1911b.

POLYSTICHUM braunii Lawson

- Milesina vogesiaca P. & H. Syd.: Kamei, S., 1930b.

CONIFERAE

ABIES

- Arceuthobium chinense Lecomte: Turrill, W. B., 1920c.

ABIES firma Sieb. & Zucc.

- Milesina vogesiaca P. & H. Syd.: Kamei, S., 1930b.

ABIES mayriana Miyabe & Kudo

- Milesina vogesiaca P. & H. Syd.: Kamei, S., 1930b.

ABIES sachalinensis Mast.Milesina vogesiaca P. & H. Syd.: Kamei, S., 1930b.ABIES sibirica Ledeb.Calyptospora goeppertiana Kühn: Kravtzev, B. I., 1933.

Diseases: Kravtzev, B. I., 1933.

Fomes robustus Karst.: Kravtzev, B. I., 1933.Trametes carnea Nees: Kravtzev, B. I., 1933.CHAMAECYPARIS formosensis Matsum.Stereum sulcatum Burt: Yamamoto, Wataro, and Itô, Takeo, 1932-33.CHAMAECYPARIS obtusa Sieb. & Zucc. f. formosana HayataHymenochaete: Yamamoto, Wataro, and Itô, Takeo, 1936.CONIFERAEHypodermataceae: Darker, G. D., 1932.Phomopsis cryptomeriae Kitashima & Kamii: Hahn, G. G., 1930.

Witches'-brooms: Kusano, S., 1904f.

Wood-destroying Fungi: Hammi, T., 1932c.CRYPTOMERIA japonica D. DonCercospora: Kawamura, Seiichi, 1915a.Cercospora cryptomeriae Shirai: Kitashima, Kimizo, 1916.

Disease: Miyake, Ichirô, 1935.

Fomes ulmarius Fr.: Hammi, T., Hirayama, S., and Nojima, T., 1929.Phyllosticta: Kawamura, Seiichi, 1915a.Valsa cryptomeriae Kitashima: Kitashima, Kimizo, 1933b.GINKGO

Diseases: Wang, Schauder, 1933.

JUNIPERUSGymnosporangium: Soh You-kuh, [Date?], Chinese append.JUNIPERUS chinensis L.Gymnosporangium chinense Long: Long, W. H., 1914.Gymnosporangium haracanum Syd.: Long, W. H., 1914.Gymnosporangium japonicum Syd.: Long, W. H., 1914.Gymnosporangium yamadae Miyabe: Tai, Feng-lan, 1930b.JUNIPERUS rigida Sieb. & Zucc.Gymnosporangium asiaticum Miyabe: Ideta, A., 1904a.LARIXMelampsora: Hiratsuka, Naohide, 1927c.Polyporus officinalis Fr.: Murashkinski, K. E., 1927.

PINUS

- Ceratostomella ips Rumb.: Nishikado, Y., and Yamauti, K., 1933-35.
Ceratostomella piceae Münch: Nishikado, Y., and Yamauti, K., 1933-35, 1935.
Ceratostomella pini Münch: Nishikado, Y., and Yamauti, K., 1933-35.
Collybia conigena (P.) Bres.: Kawamura, Seiichi, 1928c.
 Disease: Shirai, M., 1899b.
Hypoderma brachysporum v. Tub.: Itô, Takeo, 1936.
Lophodermium pinastri (Schrad. ex Fr.) Chev.: Itô, Takeo, 1936.
Polyporus orientalis Lloyd: Hemmi, T., and Nojima, T., 1928.
Trametes pini (Thore) Fr.: Liubarskii, L. V., 1936b.

PINUS pumila Regel

- Hypodermella hiratsukae Darker: Darker, G. D., 1935.

PODOCARPUS thunbergii Sieb.

- Corynelia: Winter, G., 1884.

THUJOPSIS dolobrata Sieb. & Zucc.

- Witches'-broom: Tubeuf, K. von, 1895.
Fomes robustus Karst.: Kitashima, Kimizo, 1931.

TSUGA sieboldii Carr.

- Enteridium yabeae Emoto: Emoto, Y., 1932a.

PHANEROGAMAE

ACACIA confusa Merr.

- Uromyces hyalosporus Sawada: Hirane, Seiichi, 1934.
 Sawada, Kaneyoshi, 1913a.

ACER

- Taphrina nikkoensis Kusano: Kusano, S., 1907a.

ACER trifidum Hook. & Arn.

- Uncinula nanokinensis Tai: Tai, Fang-lan, 1930a.

AGAPANTHUS

- Phytophthora parasitica Dastur: Takimoto, S., 1934f.

AGROPYRON

- Rust: Asuyama, H., 1935.

ALLIUM (Onion)

- Fusarium cepae Hanzawa: Hanzawa, Jun, 1914.
Puccinia allii Rud.: Sawada, Kaneyoshi, 1928b.
Puccinia porri (Sowerb.) Wint.: Sawada, Kaneyoshi, 1929.

ALLIUM (Welsh Onion)

- Peronospora schleideniana de By.: Hori, Shotarô, 1893.

ALLIUM bakeri Regel

Helotium: Asuyama, H., Nagai, Yukio, and Nishikiōri, T., 1935.

ALLIUM fistulosum L.

Macrosporium porri Ell: Yoshii, Hazime, 1929b.

Puccinia allii Rud.: Gotō, Kazuo, 1933-35.

Puccinia porri (Sowerb.) Wint.: Gotō, Kazuo, 1933-35.

ALNUS

Melampsoridium: Hiratsuka, Naohide, 1926c.

Taphrina: Kusano, S., 1904b.

AMORPHOPHALLUS rivieri Dur. var. konjac (C. Koch) Bess.

Bacillus aroideae Townsend: Takimoto, S., 1927a.

Fusarium solani (Mart.) App. & Wr.: Kasai, M., 1924a.

Soft rot: Hirata, E., 1927.

ANCHUSA

Rust: Transhel, V., 1934.

ANTIRRHINUM majus L.

Bacteria: Takimoto, S., 1920.

Pythium spinosum Sawada: Sawada, Kaneyoshi, and Chen, Ch'i-ch'ang, 1926.

APPLE [see Malus (Apple)]ARACHIS hypogaea L. (Peanut)

Botrytis: Suematu, Naogi, 1924.

Sclerotinia: Hanzawa, Jun, 1911a.

Sclerotinia arachidis Hanzawa: Chu, Vong-may, 1933b.

Sclerotinia miyabeana Hanzawa: Chu, Vong-may, 1933b.

ARCTIUM lappa L.

Bacillus nigromaculans Takimoto: Takimoto, S., 1927g.

ARUNDINARIA simoni Riv.

Coccoidella arundinariae Hara: Hara, Kanesuke, 1911b.

ASTER scaber Thunb.

Colcosporium pini-asteris Orishimo: Orishimo, Y., 1910.

ASTER tataricus L.f. (Tater Aster)

Oidium astericola Hino & Katō: Hino, Iwao, and Katō, Huzio, 1929.

ASTILBE chinensis Franch. & Sav.

Pucciniostele clarkiana Transhel & Kom.: Komarov, V. L., 1899.

ASTRAGALUS

Bacterium astragali Takimoto: Takimoto, S., 1930c.

ASTRAGALUS (Milk Vetch)

Sclerotinia trifoliorum Erikss.: Hino, Iwao, 1930.

ASTRAGALUS sinicus L.

Sclerotinia trifoliorum Erikss.: Hori, Shōtarō, 1901d.

Thyrospora astragali Yoshii: Yoshii, Hazime, 1929c.

Tuberculina nomuriana Sacc.: Nomura, H., 1904.

AUCUBA japonica Thunb.

Disease: Tanaka, Nobujirō, 1888a.

AZALEA

Corcospora handelii Bubák: Hammi, T., and Kurata, S., 1931a.

Rhytisma shiraiana Hammi & Kurata: Hammi, T., and Kurata, S., 1931a.

Septoria azaleae Voglino: Hammi, T., and Kurata, S., 1931b.

Venturia rhododendri Tengwall: Hammi, T., and Kurata, S., 1931a.

BAMBOO [see BAMBUSEAE (Bamboo)]BAMBUSA shimadai Hayata

Disease: Kawamura, Seiichi, 1928a.

BAMBUSEAE (Bamboo)

Aciculosporium take Miyake: Miyake, Ichirō, 1908b.

Ceratosphaeria: Kawamura, Seiichi, 1936b.

Chaetosphaeria: Kawamura, Seiichi, 1936b.

Fungi: Hara, Kanesuke, 1913a.

Kawamura, Seiichi, 1907, 1927a.

Miyake, Ichirō, and Hara, Kanesuke, 1910.

Loculistroma bambusae Patterson & Charles: Patterson, F. W., and Charles, V. K., 1910.

Miyoshiella: Kawamura, Seiichi, 1936b.

Puccinia: Hara, Kanesuke, 1933a.

Puccinia phyllostachydis Kusano: Kusano, S., 1908c.

Puccinia sasae Kusano: Kusano, S., 1908c.

BARLEY [see HORDEUM (Barley)]BEAN [see PHASEOLUS (Bean)]BEGONIA

Bacterium begoniae Takimoto: Takimoto, S., 1934b.

BERBERIS

Rust: Transhel, V., 1934.

BETA vulgaris L. (Sugar Beet)

Bacillus betivorus Takimoto: Takimoto, S., 1931b.

Bacterium aptatum Brown & Jamieson: Hirata, E., 1928.

Nakata, K., Nakajima, Tomosuke, and Takimoto, S., 1922.

BETA vulgaris L. (Sugar Beet)--Continued

Bacterium tumefaciens Smith & Townsend: Nakata, K., Nakajima, Tomosuke, and Takimoto, S., 1922.

Cercospora beticola Sacc.: Nakata, K., Nakajima, Tomosuke, and Takimoto, S., 1922.

Colletotrichum omnivorum Halsted: Nakata, K., Nakajima, Tomosuke, and Takimoto, S., 1922.

Corticium vagum B. & C.: Nakata, K., Nakajima, Tomosuke, and Takimoto, S., 1922.

Diseases: Nakata, K., and Takimoto, S., 1922b.

Hypochnus centrifugus (Lév.) Bres.: Nakata, K., Nakajima, Tomosuke, and Takimoto, S., 1922.

Phoma betae Frank: Nakata, K., Nakajima, Tomosuke, and Takimoto, S., 1922.

Physarum cinereum (Batsch) P.: Nakata, K., Nakajima, Tomosuke, and Takimoto, S., 1922.

Pseudomonas destructans Potter: Nakata, K., Nakajima, Tomosuke, and Takimoto, S., 1922.

BOEHMERIA nivea Gaud. (Ramo)

Ascochyta boehmeriae Watanabe: Watanabe, Tatsuwo, 1935.

Remularia boehmeriae Fujiwara: Fujiwara, S., 1916.

BRASSICA campestris L.

Gloeosporium: Yoshino, Kiichi, 1910.

BRASSICA oleracea L. (Cabbage)

Bacillus aroideae Townsend: Takimoto, S., 1927a.

Bacterium campestre (Pammel) E. F. Smith: Takimoto, S., 1928b.

BRASSICA pekinensis Rupr. (Chinese Cabbage, Pe-tsai)

Bacillus aroideae Townsend: Takimoto, S., 1927e.

Bacterium campestre (Pammel) E. F. Smith: Takimoto, S., 1928b.

Bacterium maculicola McCulloch: Takimoto, S., 1931a.

BUCKWHEAT [see FAGOPYRUM (Buckwheat)]CABBAGE [see BRASSICA oleracea L. (Cabbage)]CALADIUM

Gloeosporium: Hemmi, T., 1918c.

CALENDULA officinalis L. (Marigold)

Bacterium calendulae Takimoto: Takimoto, S., 1935-36.

CALENDULA officinalis L. var. subspathulata

Alternaria: Yamamoto, Sigeo, 1934.

CALLISTEPHUS chinensis Nees (China Aster)

Disease: Nakamura, Hisao, 1926.

Septoria callistephi Gloyer: Nakamura, Hisao, 1931.

CAMELLIA japonica L.

Disease: Tanaka, Nobujirō, 1888a.

CAMPHOR [see CINNAMOMUM camphora Nees & Eberm. (Camphor)]CAPSICUM (Pepper)Brachysporium: Hiroe, Isamu, and Watanabe, N., 1934.CAPSICUM annuum L.Bacillus carotovorus Jones: Yoshii, Hazime, 1926, 1927.Bacteria: Takimoto, S., 1921b.Bacterium vesicatorium Doi Jge: Yoshii, Hazime, 1928b.CARICA papaya L.Gloeosporium papayae P. Henn.: Lin, Liang-tung, 1929.CARROT [see DAUCUS carota L. (Carrot)]CARTHAMUS tinctorius L.Gloeosporium carthami (Fukui) Hori & Hammi: Hammi, T., 1919a.CASTANEA (Chestnut)Bacterium castanace Kawamura: Kawamura, Eikichi, 1934a.

Blight: Chevalier, A., 1921.

Fairchild, D. G., 1913a.

Galloway, B. T., 1926.

Endothia parasitica (Murr.) P. J. & H. W. Anderson: Shear, C. L., and Stevens, N. E., 1913, 1916.Tremetes dickinsii B.: Hammi, T., 1933.CASTANOPSIS

Blight: Chevalier, A., 1921.

Galloway, B. T., 1926.

CASTOR OIL PLANT [see RICINUS communis L. (Castor Oil Plant)]CELOSIA cristata L.Fusarium celosiae Abe: Abe, Takuji, 1928b.CHELIDONEUM majus L.Caeoma: Matsumoto, Takashi, 1926.CHERRY [see PRUNUS cerasus L. (Cherry)]CHERRY, JAPANESE [see PRUNUS (Japanese Cherry)]CHESTNUT [see CASTANEA (Chestnut)]CHINA ASTER [see CALLISTEPHUS chinensis Nees (China Aster)]CHINESE CABBAGE [see BRASSICA pekinensis Rupr. (Chinese Cabbage; Pe-tsai)]

CHRYSANTHEMUM

Puccinia: Kusano, S., 1904c.

Puccinia chrysanthemi Roze: Kusano, S., 1904g, 1908a.

Puccinia horiana P. Henn.: Kusano, S., 1904g, 1908a.

Septoria: Hammi, T., 1917.

Septoria chrysanthemella Sacc.: Hammi, T., and Nakamura, Hisao, 1927.

Septoria obesa Syd.: Hammi, T., and Nakamura, Hisao, 1927.

Uredo autumnalis Diet.: Kusano, S., 1908a.

CHRYSANTHEMUM cinerariifolium Vis.

Diplodia chrysanthemella Ikata: Ikata, Suehiko, 1928.

CHRYSANTHEMUM indicum L.

Puccinia chrysanthemi Roze: Jacky, E., 1900-03.

Roze, E., 1900c.

Uredo chrysanthemi Roze: Roze, E., 1900a.

CINCHONA

Phytophthora cinchonae Sawada: Sawada, Kaneyoshi, 1936.

CINNAMOMUM camphora Nees & Eberm. (Camphor)

Diseases: Kurosawa, Gompei, 1911.

Fomes lampaensis (Murr.) Sacc. & Trott.: Sawada, Kaneyoshi, 1928a.

Glomerella cinnamomi Yoshino: Yoshino, Kiichi, 1907.

Pestalotzia camphori Kurosawa: Kurosawa, Gompei, 1908, 1911.

CINNAMOMUM loureirii Nees

Disease: Tanaka, Nobujirô, 1888a.

CITRUS

Cladosporium citri Massee: Sawada, Kaneyoshi, and Kurosawa, Gompei, 1925b.

Corticium zimmermannii Sacc. & Syd.: Sawada, Kaneyoshi, 1918c.

Diplodia natalensis Evans: Yü, Ta-fu, 1934c.

Diseases: Anonymous, 1892a.

Fawcett, H. S., and Lee, H. A., 1926.

Hara, Kanesuke, 1933c.

Ikata, Suehiko, 1927a.

Jenkins, A. E., and Fawcett, H. S., 1933.

Nishida, Toji, 1907, 1910, 1914, 1927.

Reinking, O. A., 1921.

Sawada, Kaneyoshi, 1927-30.

Takeuchi, Haruyoshi, 1929, 1931a.

Loranthus: Sawada, Kaneyoshi, 1922a.

Ovularia citri Br. & Farn.: Sawada, Kaneyoshi, and Kurosawa, Gompei, 1925a.

Penicillium fructigenum Takeuchi: Takeuchi, Haruyoshi, 1929.

Phoma citricarpa McAlp.: Kanayama, I., 1932.

Pseudomonas citri Hassa: Tanaka, Tyôzaburô, 1918b.

Sooty mold: Hara, Kanesuke, [no date].

Viscum: Sawada, Kaneyoshi, 1922a.

CITRUS (Orange)

Corticium salmonicolor B. & Br.: Hori, Shotaro, 1921b.
Sphaceloma: Lu, Ta-ching, and Cheo, C. C., 1934.

CLADRASTRIS

Uromyces: Kusano, S., 1905c.

CLAUSENA lansium (Lour.) Skeels

Gloeosporium: Li, L. Y., 1936.

CLOVER, RED [see TRIFOLIUM (Red Clover)]

CLOVER, WHITE [see TRIFOLIUM (White Clover)]

COFFEA (Coffee)

Cercospora coffeae Zimm.: Fujikuro, Y., 1914g.
 Diseases: Du Pasquier, R., 1933.

COFFEE [see COFFEA (Coffee)]

COLOCASIA (Taro)

Bacillus aroideae Townsend: Kawamura, Eikichi, 1931b.
Bacterium colocasiae Takimoto: Takimoto, S., 1932.
Kawakania colocasiae (Racib.) Sawada: Sawada, Kaneyoshi, 1911a.
Phytophthora colocasiae Racib.: Tai, Fang-lan, 1923.

COMPOSITAE

Coleosporium: Hiratsuka, Naohide, 1927g.
Puccinia: Kuprevich, V. F., 1935.

CONVALLARIA majalis L.

Urocystis miyabeana Togashi & Ônuma: Togashi, K., and Ônuma, Fusaji, 1930.

CORYDALIS incisa P.

Caeoma: Matsumoto, Takashi, 1926.

CRATAEGUS

Gymnosporangium magnum Crowell: Crowell, I. H., 1936.

CROCUS

Bacillus croci Mizusawa: Mizusawa, Y., 1923.

CROCUS sativus L.

Bacillus croci Mizusawa: Mizusawa, Y., 1921.
Fusarium bulbigenum Cke. & Mass. var. blasticola (Rostr.) Wr: Abe, Takuji, 1933.

CRUCIFERAE

Albugo candida (P.) Kuntze: Hiura, M., 1930.
Alternaria: Yoshii, Hazime, 1933b.
Bacterium maculicola McCulloch: Takimoto, S., 1931c.

CRUCIFERAE--Continued

Bacterium maculicola McCulloch var. japonicum Takimoto: Takimoto, S., 1931c.

Peronospora brassicae Gümman: Hiura, M., and Kanegae, H., 1934.

White rust: Togashi, K., Shibasaki, Y., and Sugano, Y., 1930.

CUCUMBER [see CUCUMIS sativus L. (Cucumber)]

CUCUMIS sativus L. (Cucumber)

Peronospora cubensis B. & C.: Tanaka, N., 1890a.

Pythium aphanidermatum (Edson) Fitzpatrick: Yü, Ta-fu, 1934a.

CUCURBITA (Squash)

Choanephoroidea cucurbitae Miyake & Itô: Miyake, Ichirô, and Itô, Shingo, 1935.

CUCURBITACEAE

Diseases: Lavrov, N. N., 1932.

CULTIVATED PLANTS [see FLANTS, CULTIVATED]

CYCLAMEN

Bacillus arvideae Townsend: Takimoto, S., 1931e.

Colletotrichum cyclamenae Halsted: Takimoto, S., 1931e.

CYDONIA japonica P.

Exoascus cerasi (Fckl.) Sadebeck: Heinricher, E., 1928.

CYPERACEAE

Brachysporium: Hiroe, Isamu, 1935-36.

CYPERUS tegetiformis Roxb.

Kawakamia cyperi (Miyabe & Ideta) Miyabe: Kawakami, Takiya, 1904.

Kawakami, Takiya, and Miyabe, K., 1903.

DAUCUS carota L.

Alternaria radicina Meier, Drechsler & Reddy: Yoshii, Hazime, 1929d.

Disease: Shirai, M., 1907.

DIOSCOREA (Yam)

Cylindrosporium dioscoreae Miyabe & Itô: Itô, Seiya, 1912.

DIOSCOREA alata L.

Gloeosporium: Gotô, Kazuo, 1929.

DIOSCOREA batatas Decne

Gloeosporium: Gotô, Kazuo, 1929.

DIOSPYROS (Japanese Persimmon)

Mycosphaerella nawae Hiura & Ikata: Hiura, M., 1929a.

DIOSPYROS (Persimmon)

Gloeosporium kaki Itô: Itô, Seiya, 1911b.

DIOSPYROS kaki L. f.

Pestalozzia diospyri Syd.: Nojima, T., 1929.

Pestalozzia theae Sawada: Nojima, T., 1929.

ECHINOCHLOA crus-galli (L.) Beauv. (Panicum crus-galli L.)

Helminthosporium crus-galli Nishikado & Miyake: Nishikado, Y., and Miyake, Chuichi, 1924b, 1924c.

ECHINOCHLOA crus-galli (L.) Beauv. subsp. submutica Honda var. typica Honda

Sclerotium fumigatum Nakata: Endô, Sigeru, and Sakita, S., 1933.

ECONOMIC PLANTS [see PLANTS, ECONOMIC]

EDGEWORTHIA papyrifera Zucc.

Helicobasidium mompa Tanaka: Honda, Kôsuke, 1891.

EGGPLANT [see SOLANUM melongena L. (Eggplant)]ERAGROSTIS major Host.

Helminthosporium: Nishikado, Y., 1928c.

Ophiobolus kusanoi Nishikado, Y., 1928c.

ERICACEAE

Pucciniastreae: Hiratsuka, Naohide, 1927b.

ERIOBOTRYA japonica Lindl. (Loquat)

Bacterium eriobotryae Takimoto: Takimoto, S., 1931h.

Entomosporium: Takimoto, S., 1934a.

EVONYMUS

Oidium: Foex, E., 1910.

EVONYMUS japonica L. (Japanese Spindle Tree)

Gloeosporium evonymicola Hemmi: Hemmi, T., 1918a.

Oidium evonymi-japonici (Arcang.) Salm.: Hino, Iwao, and Katô, Huzio, 1929.

FAGOPYRUM [Buckwheat]

Phytophthora fagopyri Takimoto: Takimoto, S., 1935b.

FAGUS

Trametes dickinsii B.: Hemmi, T., 1933.

FAGUS crenata Blume

Endoconidiophora bunae Kitashima: Kitashima, K., 1936.

FIBER PLANTS, BAST

Diseases: Gitman, L., and Boichenko, E., 1934.

FLAX [see Linum (Flax)]

FLOWERS

Bacillus aridiae Townsend: Takimoto, S., 1927a.

FOREST TREES [see TREES, FOREST]

FORTUNELLA (Kumquat)

Pythiacystis citrophthora R. E. & E. H. Smith: Takimoto, S., 1931j.

FRAXINUS rhynchophylla Hance

Uropyxis fraxini (Kom.) P. Magn.: Magnus, P., 1899a.

FRITILLARIA kantschateensis Ker-Gawl.

Uromyces miurae Syd.: Rees, C. C., 1917.

FRUIT

Diseases: Fujikuro, Y., 1917.

Ho, William T. H., 1935-36.

Yü, Ta-fu, 1934b, 1934c.

FRUIT TREES [see TREES, FRUIT]

GINSENG [see PANAX (Ginseng)]GLYCINE hispida Maxim. [see GLYCINE max Merr. (Soy Bean)]GLYCINE max Merr. (Soy Bean)

Bacterium sojae Wolf: Takimoto, S., 1921a.

Bacterium sojae Wolf. var. japonicum Takimoto: Takimoto, S., 1927h.

Cercospora diazu Miura: Abramov, I. N., 1931.

Cercospora kikuchii Matsumoto & Tomoyasu: Matsumoto, Takashi, and Tomoyasu, R., 1925.

Diaporthe: Yoshii, Hazime, and Sasaki, Seisaburo, 1927.

Diseases: Kataeva, O. E., 1932.

Fusarium: Nojima, T., 1926.

Phomopsis: Sasaki, Syun'iti, 1929b.

Phyllosticta sojaecola Massal.: Abramov, I. N., 1931.

Sclerotinia libertiana Fekl.: Abramov, I. N., 1931.

Septoria glycines Hermi: Hermi, T., 1915b.

GOMPHRENA globosa L.

Alternaria gomphrenae Togashi: Togashi, K., 1926a.

Yoshii, Hazime, 1933a.

GOSSYPIUM (Cotton)

Alternaria macrospora Zimm.: Takimoto, S., 1934c.

Bacterium malvacearum E. F. Smith: Nakata, K., Nakajima, Tomosuke, and Takimoto, S., 1924.

GOSSYPIUM (Cotton)--Continued

Diseases: Cook, O. F., 1920.

Jaczewski, A. A., 1931

Takimoto, S., 1924.

Glomerella gossypii Edgerton: Nakata, K., and Takimoto, S., 1917.GRAMINEAEBrachysporium: Hiroe, Isamu, 1935-36.

Diseases: Hommi, T., 1934a.

Tai, Fang-lan, 1927b.

Drechslera: Itô, Seiya, 1930.Fusarium: Murashkinski, K. E., 1924.Gibberella moniliformis (Sheld.) Windland: Nishikado, Y., 1931-33, 1932.Helminthosporium: Itô, Seiya, 1930.

Nishikado, Y., 1925, 1928a, 1929b.

Lisca fujikurui Sawada: Nishikado, Y., 1931-33, 1932.Ophiobolus: Itô, Seiya, 1930.Puccinia: Hommi, T., 1934b.

Takahashi, Yoshinac, 1906a.

Puccinia graminis P. var. tritici Erikss. & Hem.: Rusakov, L.F., 1925, 1927.Puccinia triticea Erikss.: Rusakov, L.F., 1925, 1927.Pyrenophora: Itô, Seiya, 1930.Typhula graminum Karst.: Tasugi, H., 1929, 1930.Typhula itoana Imai: Imai, Sanshi, 1936b.Uredinales: Itô, Seiya, 1908-09.

Manabe, A., 1906.

Takahashi, Yoshinac, 1905b, 1906a.

Urocystis: Woo, Chang-tsi, 1934.Ustilagineae: Hori, Shôtarô, 1896a, 1896b.Ustilago: Hara, Kanesuke, 1934c.

Woo, Chang-tsi, 1934.

GRAPE [see VITIS (Grape)]HELIANTHUS (Sunflower)Bacterium helianthi Kawamura: Kawamura, Eikichi, 1934b.HEVEA (Rubber Tree)Fomes scitostus (B.) Cke.: Sawada, Kaneyoshi, 1916d.HIBISCUSBacterium hibisci Nakata & Takimoto: Nakata, K., and Takimoto, S., 1923.HOP [see HUMULUS (Hop)]HORDEUM (Barley)Helminthosporium gramineum Rabh.: Yü, Ta-fu, 1936a.Ophiobolus graminis Sacc.: Hori, Shôtarô, 1906c.

HORDEUM (Barley)--Continued

Pyrenophora teres (Died.) Drechsler: Nishikado, Y., and Miyake, Chuichi, 1928.

Rhizoctonia: Yokogi, K., 1931.

Sclerotial disease: Matsumoto, Takashi, 1928.

Tilletia panicis Bubák & Ranoj.: Tasugi, H., and Yamada, Wataru, 1925.

Ustilago hordei (P.) Kellerm. & Swingle: Yü, Ta-fu, and Chen, Hung-kwei, 1930.

Ustilago nuda (Jensen) Kellerm. & Swingle: Hori, Shōtarō, 1896c.

HUMULUS (Hop)

Peronoplasmopara humuli Miyabe & Takahashi: Miyabe, K., and Takahashi, Yoshinao, 1906.

HYACINTH (see Hyacinthus (Hyacinth))HYACINTHUS (Hyacinth)

Bacterium acideae (Townsend) Stapp: Takimoto, S., 1935-36.

ILLICIAM anisatum L.

Gloeosporium illicii Henmi: Henmi, T., 1920a.

IMPATIENS balsamina L.

Cercospora fukushiana Matsuura: Matsuura, Isamu, 1928.

IRIS

Bacterium iridicola Takimoto: Takimoto, S., 1931d.

JUNCUS

Cercosporina juncicola Hori & Kasai: Kasai, M., 1922.

Sclerotium: Nakata, K., 1933.

JUNCUS effusus L. var. decipiens Buch.

Cercosporina juncicola Hori & Kasai: Kasai, M., 1923b.

KAOLIANG [see SORGHUM nervosum Bess. (Kaoliang)]

KONJAC [see AMORPHOPHALLUS rivieri Dur. var. konjac (C. Koch) Engler (Konjac)]

KUMQUAT [see FORTUNELLA (Kumquat)]

LACTUCA sativa L. (Lettuce)

Disease: Fukushi, T., 1929.

LACTUCA sativa L. var. angustata

Bacterium lactucae Yamamoto: Yamamoto, Sigeo, 1934.

LEPIRONIA mucronata Rich.

Phytophthora lepironiae Sawada: Sawada, Kancyoshi, 1919a.

LECUMINOSAE

Ceratophorum sotosum Kirchm r: Hemmi, T., 1919b.

LEPTOCHLOA chinensis Nees

Helminthosporium leptochloae Nishikado & Miyako: Nishikado, Y., and Miyako, Chuichi, 1924a.

LESPEDeza

Uromyces: Hiratsuka, Naohide, and Tobina, E., 1935.

LETTUCE [see LACTUCA sativa L. (Lettuce)]

LILIUM (Lily)

Bacteria: Bokura, U., 1919.

Botrytis liliorum Fujikuro: Fujikuro, Y., 1914a.

Cerco-sporella inconspicua (Wint.) v. Höhn.: Hiura, M., 1925.

Rhizopus necans Mass.: Anonymous, 1897c.

LILY[see LILIUM (Lily)]

LINUM (Flax)

Colletotrichum lini (Westerdijk) Tochinai: Hiura, M., 1924a.

Colletotrichum linicola Pethybr. & Laff.: Hiura, M., 1923.

Diseases: Oleinikova, V. M., 1935.

Melampsora liniperda (Körn.) Palm: Hiratsuka, Naohide, 1926-28.

LINUM usitatissimum L.

Colletotrichum linicola Pethybr. & Laff.: Hemmi, T., 1920a.

LIQUIDAMBAR formosana Hance

Penicillium (?): Fauvel, A. A., 1884c.

LOQUAT [see ERIOBOTRYA japonica Lindl. (Loquat)]

LYCIUM chinense Mill.

Diseases: Itô, Tokutarô, 1887d.

Spegazzini, C., and Itô, Tokutarô, 1888.

LYCOPERSICON esculentum Mill. (Tomato)

Bacillus aroideae Townsend: Takimoto, S., 1927a.

Phoma destructiva Plowr.: Takimoto, S., 1931g.

Phytophthora terrestris Sherb.: Takimoto, S., 1931g.

MACHILUS longifolia Blume

Cintractia machili Hino & Nagaoka: Hino, Iwao, and Nagaoka, E., 1931.

MACHILUS thunbergii Sieb. & Zucc. var. glaucescens Blume

Cintractia machili Hino & Nagaoka: Hino, Iwao, and Nagaoka, E., 1931.

MAHONIA japonica DC.Gloeosporium japonicum Hemmi: Hemmi, T., 1920a.MAIZE [see ZEA mays L. (Maize)]MALLOTUS japonicus Muell.Aplanobacter malloti Takimoto: Takimoto, S., 1930a.MALUS (Apple)

Diseases: Takahashi, Yoshimao, and Okamoto, Hanjiro, 1908.

Gymnosporangium yamadae Miyabe: Fukushi, T., 1925.

Tai, Fang-lan, 1929.

Phytophthora cactorum (Leb. & Cohn) Schröt.: Takimoto, S., 1919.Sclerotinia mali Takihashi: Takahashi, Yoshinao, 1915.Sphaecopsis malorum Pk.: Takimoto, S., 1923.Valsa mali Miyabe & Yamada: Togashi, K., 1924b.MALUS sieboldii Rehd.Gymnosporangium leve Crowell: Crowell, I. H., 1936.MECONOPSIS

Disease: Cotton, A. D., 1929.

MELIA azedarach L.Fomes: Yamamoto, Watarô, 1936.MICROLESPIDEZAUromyces: Hiratsuka, Naohide, and Tobina, E., 1935.MILLET [see SETARIA (Millet)]MILLET, ITALIAN [see SETARIA italica (L.) Beauv. (Italian Millet)]MORUS (Mulberry)Aecidium mori Barclay: Hiura, H., 1931.

Bacteria: Nomura, H., 1908.

Bacterium mori Boyer & Lambert: Takimoto, S., 1927c.Coniothyria mori Yendo & Takase: Yendo, Yasutarô, and Takase, Kiiti, 1932.Dematophora necatrix Hartig: Nomura, H., 1901b.Diaporthe: Yamauchi, T., 1930.

Diseases: Hotta, T., 1934.

Sawada, Kaneyoshi, 1912c.

Helicobasidium mompa Tanaka: Tanaka, Nobujirô, 1890f.Helicobasidium tanakae Miyabe: Ts'ui, Po-t'ang, 1934.Uredo: Tanaka, Nobujirô, 1890d.MORUS alba L.Coryneum mori Nomura: Nomura, H., 1904.Phoma nipponia Nomura: Nomura, H., 1904.

MULBERRY [see MORUS (Mulberry)]

NARCISSUS

Sporotrichum narcissi Tochinal & Shimada: Tochinal, Yoshihiko, and Shimada, Shoichi, 1930.

NICOTIANA tabacum L. (Tobacco)

Alternaria longipes (Ell. & Ev.) Tisdale & Wadkins: Takimoto, S., 1934c.

Bacillus aramideae Townsend: Nakata, K., 1927a.

Bacterium nicotianum Takimoto: Takimoto, S., 1926.

Colletotrichum: Takimoto, S., 1934d.

Diseases: Nakamura, Hisao, 1932.

ONION [see ALLIUM (Onion)]

ONION, WELSH [see ALLIUM (Welsh Onion)]

ORANGE [see CITRUS (Orange)]

ORNAMENTAL PLANTS [see PLANTS, ORNAMENTAL]

ORYZA sativa L. (Rice)

Absidia: Miyake, Ichirô, and Takada, K., 1922.

Achlya prolifera (Nees) de By.: Abe, Takuji, 1928a.

Hemmi, T., and Abe, T., 1928.

Sawada, Kaneyoshi, 1912d.

Bacterium oryzae (Uyeda & Ishiyama) Nakata: Takeuchi, Haruyoshi, 1930.

Brachysporium oryzae Itô & Ishiyama: Itô, Seiya, and Ishiyama, Tetsuji, 1929.

Dactylaria: Sawada, Kaneyoshi, 1917b.

Dactylaria parasitans Cava: Shirai, M., 1905b.

Diseases: Chu, Hsüeh-tseng, 1931.

Hara, Kanesuke, 1918.

Hemmi, T., 1928.

Hori, Shôtarô, 1890.

Itô, Seiya, 1932.

Kurosawa, Gompei, 1911.

Kuwana, S. L., 1930.

Miyake, Ichirô, 1908a, 1909, 1910.

Nishikado, Y., 1917b, 1936.

Nishikado, Y., and Matsumoto, Hiroyoshi, 1932.

Tasugi, H., 1931.

Wei, C. T., 1931, 1934b.

Wood, J. I., 1934.

Epicoccum neglectum Desm.: Itô, Seiya, and Iwadare, S., 1934.

Epicoccum oryzae Itô & Iwadare: Itô, Seiya, and Iwadare, S., 1934.

Fusarium: Setô, F., 1928.

Fusarium heterosporum Nees: Andô, Hirotarô, 1898.

Fujikuro, Y., 1916.

Gibberella fujikuroi (Sawada) Wr.: Itô, Seiya, 1932.

Itô, Seiya, and Kimura, Jinya, 1931.

Nishikado, Y., Matsumoto, Hiroyoshi, and Yamauti, K., 1934b.

Setô, F., 1935.

ORYZA sativa L. (Rice)--Continued

- Gibberella saubinetii (Mont.) Sacc.: Ikeya, J., 1933.
Kasai, M., 1923a.
- Helicoma echinosporium Itô & Sasaki: Itô, Seiya, 1932.
- Helminthosporium: Hemmi, T., and Yokogi, K., 1928.
Nishikado, Y., 1926b, 1927b.
Nishikado, Y., and Miyake, Chuichi, 1922.
- Helminthosporium oryzae Miyabe & Hori: Hori, Shôtarô, 1901f.
Kurosawa, Gompei, 1911.
Wei, C. T., 1936.
- Hypochnus: Hemmi, T., and Yokogi, K., 1928.
Sakurai, Motoi, 1917.
- Lisea fujikuroi Sawada: Kurosawa, Gompei, 1928.
Nishikado, Y., and Matsumoto, Hiroyoshi, 1932.
- Ophiobolus miyabeanus Itô & Kuri bayashi: Itô, Seiya, 1932.
Suzuki, Hashio, 1930.
- Penicillium commune Thom: Miyake, Ichirô, and Tanaka, K., 1922.
- Piricularia grisea Miyabe & Hori: Hori, Shôtarô, 1899.
- Piricularia oryzae Briosi & Cav.: Abramov, I. N., 1928.
Hara, Kanesuke, 1911d.
Itô, Seiya, 1932.
Nishikado, Y., 1927a.
Shirai, M., 1905b.
"Sueda, Heishichi", 1928.
Suzuki, Hashio, 1930, 1934.
- Pseudomonas itoana Tochinnai: Tochinnai, Yoshihiko, 1932.
- Pseudomonas oryzae Uyeda & Ishiyama: Ishiyama, Shin'ichi, 1928.
- Pythium echinocarpum Itô & Tokunaga: Itô, Seiya, and Tokunaga, Y., 1933.
- Pythium nagaii Itô & Tokunaga: Itô, Seiya, and Tokunaga, Y., 1933.
- Pythium oryzae Itô & Tokunaga: Itô, Seiya, and Tokunaga, Y., 1933.
- Rhizoctonia: Wei, C. T., 1934a.
- Sclerospora: Yamada, Gentarô, 1911b.
- Sclerospora macrospora Sacc.: Yamada, Gentarô, 1911a.
- Sclerotium: Hemmi, T., and Yokogi, K., 1927, 1928.
Sakurai, Motoi, 1917.
- Tilletia horrida Takahashi: Takahashi, Yoshinao, 1896.
- Ustilago virens Oke.: Hori, Shôtarô, 1893.
Takahashi, Yoshinao, 1896.

PANAX (Ginseng)

- Bacillus araliavorus Uyeda: Uyeda, Yei jirô, 1908b.
- Diseases: Nakata, K., and Takimoto, S., 1922a.
- Phytophthora cactorum (Leb. & Cohn) Schrôt.: Hori, Shôtarô, 1907b.
- Sclerotinia: Takimoto, S., 1915a.

PANICUM crus-galli L. [see ECHINOCHLOA crus-galli (L.) Beauv. (Panicum crus-galli L.)]PANICUM miliaceum L.

- Tolyposporium bullatum Schrôt.: Takahashi, Yoshino, 1902b.
- Ustilago crus-galli Tracy & Earle: Takahashi, Yoshinao, 1902b.

PANICUM miliaceum L.---ContinuedUstilago panici-miliacei (P.) Wint.: Hori, Shōtarō, 1901c.

Takahashi, Yoshinao, 1902a.

Ustilago spaerogena Burr.: Takahashi, Yoshinao, 1902b.PAPAYER (Poppy)Bacterium papavericola Bryan & McWhorter: Takimoto, S., 1931i.Bacterium papaveris Takimoto: Takimoto, S., 1935c.Helminthosporium: Sawada, Kanoyoshi, 1918a.PASANIATrametes dickinsii B.: Hammi, T., 1933.PASANIA cuspidata Oerst.Irpeex tabacinoides Yasuda: Yasuda, A., 1919c.PAULOWNIAGloeosporium kawakamii Miyabe: Yoshii, Hazime, 1928a.

Witches'-broom: Hori, Shōtarō, 1921c.

PAULOWNIA tomentosa Steud.

Diseases: Hara, Kanesuko, 1933b.

Gloeosporium kawakamii Miyabe: Kawakami, Takiya, [1903?].

Yoshii, Hazime, 1933c.

Valsa paulowniae Miyabe & Hammi: Hammi, T., 1916a, 1916d.PEA [see PISUM sativum L. (Pea)]PEACH [see PRUNUS persica (L.) Stokes (Peach)]PEANUT [see ARACHIS hypogaea L. (Peanut)]PEAR [see PYRUS (Pear)]PEPPER [see CAPSICUM (Pepper)]PERSIMMON [see DIOSPYROS (Persimmon)]PERSIMMON, JAPANESE [see DIOSPYROS (Japanese Persimmon)]PETASITESBacterium petasitis Takimoto: Takimoto, S., 1927b.PE-TSAI [see BRASSICA pekinensis Rupr. (Chinese Cabbage: Pe-tsai)]PETUNIA violacea Lindl.Cercosporina petuniae Saitō: Saitō, Hidesaku, 1931.PHANEROGAMAE

Diseases: Patouillard, N., 1886a.

PHASEOLUS (Bean)Bacterium phaseoli E. F. Smith: Takimoto, S., 1928a.Colletotrichum truncatum (S.) Andrus & Moore: Hwang, Liang, 1935.

PHASEOLUS radiatus L. var. aurea Prain

Colletotrichum phaseolorum Takimoto: Sasaki, Mitsuo, 1936.
Takimoto, S., 1934g.

PHYLLOSTACHYS

Ustilago shiraiana P. Henn.: Hori, Shôtarô, 1905.

PHYLLOSTACHYS nigra Munro var. henonis Stapf

Colletotrichum hsienjenchang Hino & Hidaka: Hino, Iwao, and Hidaka, Z., 1934a.

Sclerotium japonicum Endô & Hidaka: Endô, Sigeru, and Hidaka, Z., 1935.

PHYLLOSTACHYS reticulata C. Koch

Asterinella hiugensis Hino & Hidaka: Hino, Iwao, and Hidaka, Z., 1934b.

Colletotrichum hsienjenchang Hino & Hidaka: Hino, Iwao, and Hidaka, Z., 1934a.

Phragmothyrium japonicum Hino & Hidaka: Hino, Iwao, and Hidaka, Z., 1934b.

Sclerotium japonicum Endô & Hidaka: Endô, Sigeru, and Hidaka, Z., 1935.

PISUM sativum L. (Pea)

Alternaria fasciculata (Cke. & Ell.) Jones & Grout: Iwadare, S., 1931.

Ascochyta pinodella L. K. Jones: Takimoto, S., 1935a.

Ascochyta pinodes L. K. Jones: Takimoto, S., 1935a.

Ascochyta pisi Lib.: Takimoto, S., 1935a.

Fusarium: Togashi, K., and Tsukamoto, Eiji, 1926-28.

Fusarium anguioides Sherb.: Togashi, K., 1928.

Fusarium arthrosporioides Sherb.: Togashi, K., 1928.

Fusarium sporotrichioides Sherb.: Togashi, K., 1928.

Mycosphaerella pinodes (B. & Blox.) R. E. Stone: Takimoto, S., 1933.

PLANTS

Bacteria: Okabe, N., 1932-35 (Formosa).

Erysiphaceae: Tai, Fang-lan, 1935a (China; Host index).

Fungi: Benois, C. A., 1927 (Yakutsk).

Chang, Tsu-shun, 1916 (Peking).

Ch'ien, Sui-sun, 1918 (Peking).

Chu, Vong-may, 1927 (China); 1933a (Chekiang).

Gamshin, S. S., and Transhel, V., 1913 (Irkutsk; Host index).

Hara, Kanesuke, 1928b (Japan).

Hammi, T., 1926 (Control; Japan).

Ho, Tsun-fung (Japan: Hosts).

Ideta, A., 1932 (Yamagouchi Pref.).

Itô, Seiya, 1921 (Hokkaido); [date ?] (Japan).

Nishikado, Y., Matsumoto, Hiroyoshi, and others, 1927-33 (Index literature; Japan).

PLANTS--Continued

Fungi--Continued

- Stevenson, J. A., 1926 (Host index).
 Sawada, Kaneyoshi, 1931 (Formosa; Host index).
 Tai, Fang-lan, 1936-37 (China; Host index).
 Takeuchi, Haruyoshi, and Shimizu, Masayasu, 1930 (Korea).
 T'u, Chih, 1930 (China).
Hypochnus centrifugus (Lév.) Tul.: Endô, Sigeru, 1931 (Japan; Hosts).
Ovulariopsis: Sawada, Kaneyoshi, 1930 (Formosa; Host index).
Phyllactinia corylea (P.) Karst.: Sawada, Kaneyoshi, 1930 (Formosa; Host list).
Phytophthora: Tucker, C. M., 1933 (Hosts).
Synchytrium: Kusano, S., 1909 (Hosts).
Uredinales: Jørstad, I., 1934 (Kamchatka; Host index).
Ustilina: Wilkins, W. H., 1934 (Host index).
Valsa: Togashi, K., 1929 (Hosts).
 Virus diseases: Fukushi, T., 1932 (Japan; Hosts).
 Otero, J. J., and Cook, M. T., 1934 (Bibliography).

PLANTS, CULTIVATED

- Anthraces: Hammi, T., and Nojima, T., 1927 (Japan).
 Diseases: Asuyama, H., 1935-36 (Japan).
 Desiatkin, N. L., 1936a (Mongolia).
 Fujikuro, Y., 1914c, 1914d, 1918 (Formosa).
 Hara, Kanesuke, 1928a (Japan).
 Ishiyama, Tetsuji, 1936a, 1936b (s. Sachalin).
 Katô, M., [date ?] (Korea).
 Kawakami, Takiya, and Suzuki, R., 1908 (Formosa).
 Lavrov, N. N., 1932 (Siberia).
 Miura, Michiya, 1921-30 (Manchuria).
 Nakata, K., and Takimoto, S., 1928 (Korea).
 Palchevsky, N. A., 1891 (s. Ussuri).
 Porter, R. H., 1926b (c. China).
 Sawada, Kaneyoshi, 1902-12 (Formosa).
 Sorokin, N., 1890 (s. Ussuri).
 Tsou, Ping-wen, and Tsou, Chung-lin, 1919 (China).
Fusarium: Savari, A. I., 1923b (Primorsk).
Hypochnus: Sawada, Kaneyoshi, 1912b (Formosa).
Typhula: Imai, Sanshi, 1931 (Japan).

PLANTS, ECONOMIC

- Diseases: Fukui, Takeji, 1916 (Japan).
 Han, Lü-ch'ên, 1927-28 (Kwangtung).
 Hori, Shôtarô, 1893, 1910-16 (Japan).
 Miyake, Ichirô, 1907 (Japan).
 Reinking, O. A., 1919 (s. China).
 Shirai, M., 1888-90 (Japan).
 T'u, Chih, 1932 (s. China; Host index).
 Wang, Schauder, 1934a (Hangchow).
 Virus diseases: Ho, William T. H., and Li, L. Y., 1936 (Kwangtung).

PLANTS, ORNAMENTAL

Diseases: Hara, Kanesuke, 1920 (Japan).

PLANTS, WOODY

Diseases: Hara, Kanesuke, 1927b (Japan).

PLANTS, WILD

Diseases: Desiatkin, N. L., 1936a (Mongolia).

Tsou, Ping-wen, and Tsou, Chung-lin, 1919 (China).

PLUM [see PRUNUS (Plum)]POLYGONATUM

Cylindrosporium komarowi Jaczewski: Jaczewski, A. A., 1900a, 1900d.

POLYGONUM multiflorum Thunb.

Diseases: Spegazzini, C., and Itô, Tokutarô, 1888.

Itô, Tokutarô, 1887d.

POMEGRANATE [see PUNICA (Pomegranate)]POPPY [see PAPAVER (Poppy)]POTATO [see SOLANUM tuberosum L. (Potato)]PRUNUS

Cacoma makinoi Kusano: Kusano, S., 1906.

Thekopsora: Hiratsuka, Naohide, 1927d.

PRUNUS (Japanese Cherry)

Cacoma radiatum Shirai: Shirai, M., 1895d.

PRUNUS (Plum)

Disease: Ishiyama, Shin'ichi, 1922.

PRUNUS cerasus L. (Cherry)

Mycosphaerella cerasella Adorh.: Miyake, Chuichi, 1923.

Thekopsora: Kuprevich, V. F., 1933.

PRUNUS mume Sieb. & Zucc.

Cacoma makinoi Kusano: Kusano, S., 1903a, 1911b.

Camarosporium: Homma, Y., 1927.

Camarosporium persicae Maubl.: Homma, Y., 1926.

Valsa japonica Miyabe & Hemmi: Hemmi, T., 1916c.

PRUNUS padus L.

Thekopsora: Kuprevich, V. F., 1933.

PRUNUS persica (L.) Stokes (Peach)

Camarosporium: Homma, Y., 1927.

Camarosporium persicae Maubl.: Homma, Y., 1926.

PRUNUS persica (L.) Stokes (Peach)--ContinuedCladosporium carpophilum Thüm.: Fujikuro, Y., 1914f.Leucostoma leucostoma P.: Togashi, K., 1930.Puccinia pruni-persicae Hori: Hori, Shōtarō, 1912.Valsa japonica Miyabe & Hommi: Togashi, K., 1930.PRUNUS pseudo-cerasus Lindl.Taphria pseudo-cerasus Shirai: Shirai, M., 1895c.PRUNUS yedoensis Mats.Valsa japonica Miyabe & Hommi: Hommi, T., 1916c.PSIDIUM guajava L.Myxosporium psidii Sawada & Kurosawa: Kurosawa, Gompei, 1926.PUERARIA thunbergiana Benth.Synchytrium puerariae (P. Henn.) Miyabe: Kusano, S., 1908b.PUNICA (Pomegranate)Zythia versoniana Sacc.: Tai, Fang-lan, and Cheo, C. C., 1933, 1934.PYRUS (Pear)

Blight: Reimer, F. C., 1925.

Colletotrichopsis piri (Noack) Bubák: Kurosawa, Gompei, 1912.Diaporthe ambigua Nitschke: Tanaka, Ichirō, 1934.Glomerella cingulata (Strom.) Spauld. & v. Schrenk: Yü, Ta-fu, and Yeh, Ho-ts'ai, 1934.Gymnosporangium: Soh You-kuh, [date?], Chinese append.Gymnosporangium haraeum Syd.: Tai, Fang-lan, 1933.Phomopsis: Endō, Sigeru, 1927.

Nakajima, Tomosuke, and Takimoto, S., 1924.

Phomopsis fukushii Endō & Tanaka: Tanaka, Sōichi, and Endō, Sigeru, 1930.PYRUS bretschneideri Rehd.Corticium centrifugum (Lév.) Bres.: Cheo, C. C., 1936.PYRUS serotina Rehd.Alternaria kikuchiana Tanaka: Tanaka, Sōichi, 1933.QUERCUSIrpex purpureus Yasuda: Yasuda, A., 1919c.Microsphaera dentatae Liou: Liou, Tchen-ngo, 1931b.Stereum induratum B.: Hommi, T., 1933.Trametes dickinsii B.: Hommi, T., 1933.Tremella fuciiformis B.: Chong, Chi-hsi, 1934.

Witches'-brooms: Kusano, S., 1903c.

QUERCUS glandulifera BlumeTyphulochaeta: Itō, Seiya, 1915b.Uncinula septata Salmon: Salmon, E. S., 1900a.

QUERCUS glauca Thunb.

Diseases: Yoshinaga, Torima, 1918.

QUERCUS mongolica Fisch.

Diseases: Kravtzev, B. I., 1935.

RADISH [see RAPHANUS (Radish)]RAMIE [see BOETMERIA nivea Gaud. (Ramie)]RAPHANUS (Radish)Bacillus arvidae Townsend: Takimoto, S., 1927c.Bacterium campestre Pammel: Takimoto, S., 1928b.Bacterium solanacearum E. F. Smith: Takimoto, S., 1930d.RANUNCULACEAEPuccinia: Itô, Seiya, 1911a.RAPHIOLEPIS umbellata MakinoColeopuccinia: Ide, Kiyoharu, 1935.RHAMNUS

Rust: Transhol, V., 1934.

RHUS semi-alata Murr. var. osbeckii DC.Uromyces spiralis Hori: Hori, Shôtarô, 1892a.RICE [see ORYZA sativa L. (Rice)]RICINUS communis L. (Castor Oil Plant)Bacterium ricini Yoshii & Takimoto: Yoshii, Hazime, and Takimoto, S., 1928.Macrosporium ricini Yoshii: Yoshii, Hazime, 1929a, 1931b.ROSA (Rose)Kuchneola rosae Sawada: Sawada, Kaneyoshi, 1918c.Sphaecoloma: Jenkins, A. E., 1932.ROSACEAESclerotinia: Hanzawa, Jun, 1905a.

Takahashi, Yoshinao, 1911.

ROSE [see ROSA (Rose)]RUBBER TREE [see HEVEA (Rubber Tree)]RUBUSHamaspora: Hiratsuka, Naohide, 1935f.RUBUS sioboldii BlumePhragmidium rubi-sioboldii Kawagoe: Kawagoe, S., 1915b.

SACCHARUM officinarum L. (Sugar Cane)

Cercospora taiwanensis Matsumoto & Yamamoto: Matsumoto, Takashi, and Yamamoto, Watarô, 1934.

Diseases: Ho, William T. H., 1935.

Helminthosporium: Matsumoto, Takashi, and Yamamoto, Watarô, 1935a.

SAGITTARIA trifolia L. var. sinensis Makino

Doassansiopsis horiana (P. Henn.) Nishikado & Matsumoto: Nishikado, Y., and Matsumoto, Hiroyoshi, 1936.

SALIX (Willow)

Gloeosporium: Fukushima, T., 1921.

Melampsora: Matsumoto, Takashi, 1917.

Physalospora miyabeana Fukushima: Fukushima, T., 1921.

SALIX pierotii Miq.

Melampsora cholidonii-pierotii Matsumoto: Matsumoto, Takashi, 1926.

SEMIARUNDINARIA fastuosa Makino

Diseases: Kawamura, Seiichi, 1928a.

SEMIARUNDINARIA narihira Mak.

Phragmothyrium japonicum Hino & Hidaka: Hino, Iwao, and Hidaka, Z., 1934b.

Phragmothyrium semiarundinariae Hino & Hidaka: Hino, Iwao, and Hidaka, Z., 1934b.

SESAMUM

Bacterium sesamicola Takimoto: Takimoto, S., 1927f.

Fusarium vasinfectum Atk.: Terui, M., 1934.

SESAMUM indicum L.

Alternaria sesamicola Kawamura: Kawamura, Eikichi, 1931c.

Macrosporium sesami Kawamura: Kawamura, Eikichi, 1931c.

SETARIA (Millet)

Diseases: Wai, Ngan-shou, 1930.

Yoshino, Kiichi, 1906.

SETARIA italica (L.) Beauv. (Italian Millet)

Sclerospora graminicola (Sacc.) Schröt.: Hiura, M., 1929b, 1935.

Shirai, M., 1897a.

SHRUBS

Diseases: Hara, Kanetsuke, 1927a.

SOLANUM melongena L. (Eggplant)

Ascochyta: Takimoto, S., 1927d.

Phomopsis vexans (Sacc. & Syd.) Harter: Takimoto, S., 1927d.

Rhabdospira melongenae Hanzawa: Hanzawa, Jun, 1910b.

SOLANUM tuberosum L. (Potato).Bacillus axoideae Townsend: Takimoto, S., 1927a.Bacterium solanacearum E. F. Smith: Takimoto, S., 1930b.Macrosporium solani Cke.: Yoshii, H., 1929e.Phytophthora infestans (Mont.) de By.: Nomura, H., 1901a.SOPHORAUredineae: Kusano, S., 1904a.Uromyces: Kusano, S., 1905c.SORGHUM nervosum Bess. (Kaoliang)

Anthracnose: Ch'en, Hung k'uei, 1928-35.

SOYBEAN [see GLYCINE max Merr. (Soybean)]SPINACIA oleracea L.Colletotrichum spinaciae Ell. & Halst.: Hemmi, T., Kurata, S., and Tohara, Y., 1933.Gloeosporium olivarum D'Alm.: Hemmi, T., Kurata, S., and Tohara, Y., 1933.SPINDLE TREE, JAPANESE [see EVONYMUS japonica L. (Japanese Spindle Tree)]SQUASH [see CUCURBITA (Squash)]STEWARTIA pseudo-camellia Maxim.Pucciniastrum yoshinagai Hiratsuka f.: Hiratsuka, Naohide, 1931b.SUGAR BEET [see BETA vulgaris L. (Sugar Beet)]SUGAR CANE [see SACCHARUM officinarum L. (Sugar Cane)]SUNFLOWER [see HELIANTHUS (Sunflower)]SYMPLOCOS japonica A. DC.Exobasidium symploci-japonicae Kusano: Kusano, S., 1907c.TARAXACUM ceratophorum DC.Sphaerotheca fuliginea (Schlecht.) Pollacci: Homm, Y., 1934.TARO [see COLOCASIA (Taro)]TATER ASTER [see ASTER tataricus L.f. (Tater Aster)]TEA [see THEA (Tea)]THALICTRUM

Rust: Tramsbol, V., 1934.

THEA (Tea)Dematophora matrix Hartig: Nomura, H., 1901b.

Diseases: Du Pasquier, R., 1933.

Sawada, Kameyoshi, 1913b.

Exobasidium reticulatum Itô & Sawada, Itô, Soiya, and Sawada, Kameyoshi, 1912.

TOBACCO [see NICOTIANA tabacum L. (Tobacco)]

TOMATO [see LYCOPERSICON esculentum Mill. (Tomato)]

TREES

Anthostomella (?): Kitashima, Kimizô, 1925.

Diseases: Hara, Kanesuke, 1927a.

TREES, FOREST

Diseases: Liubarskiĭ, L. V., 1934, 1936a.

Valsa: Togashi, K., 1929.

TREES, FRUIT

Diseases: Hara, Kanesuke, 1916.

Ikata, Suchiko, 1927b.

Sclerotinia: Takahashi, Yoshinao, 1911.

Valsa: Togashi, K., 1929.

TRIFOLIUM (Red Clover)

Diseases: Matsuura, Isamu, 1930.

TRIFOLIUM (White Clover)

Diseases: Matsuura, Isamu, 1930.

TRIFOLIUM repens L.

Olpidium trifolii (Pass.) Schröt.: Kusano, S., 1929.

TRITICUM (Wheat)

Cephalosporium gramineum Nishikado & Ikata: Nishikado, Y., Matsumoto, Hiroyoshi, and Yamauti, K., 1934a.

Nishikado, Y., and Ikata, Suchiko, 1934.

Diseases: Tai, Fang-lan, 1927b.

Helminthosporium tritici-vulgaris Nishikado: Nishikado, Y., 1929a.

Ophiobolus graminis Sacc.: Hori, Shôtarô, 1901c.

Puccinia: Takahashi, Yoshino, 1904.

Puccinia graminis P. var. tritici Erikss. & Henn.: T'u, Chih, 1934.

Puccinia triticea Erikss.: Bryzgalova, V. A., 1935.

Tilletia laevis Rabh.: Hori, Shôtarô, 1901a.

Tilletia tritici (Bjerk.) Wint.: Hori, Shôtarô, 1901a.

Urocystis occulta (Wallr.) Rabh.: Hori, Shôtarô, 1901b.

TRITICUM vulgare Vill.

Helminthosporium tritici-vulgaris Nishikado: Nishikado, Y., 1928b.

ULMUS

Disease: Nishikado, Y., and Matsumoto, Hiroyoshi, 1929a.

Gnomonia oharana Nishikado & Matsumoto: Nishikado, Y., and Matsumoto, Hiroyoshi, 1929b.

ULMUS parviflora Jacq.

Gnomonia oharana Nishikado & Matsumoto: Matsumoto, Hiroyoshi, 1931.

UMBELLIFERAE

Puccinia: Miyake, Tsutomu, 1906.

Uredinales: Lindroth, J. I., 1902.

VEGETABLES

Bacillus aroideae Townsend: Takimoto, S., 1927a.

Diseases: Fujikuro, Y., 1917.

Hara, Kanesuke, 1920.

VERONICA arvensis L.

Sorosphaera veronicae Schröt.: Hemmi, T., and Nojima, T., 1934.

VETCH, MILK [see ASTRAGALUS (Milk Vetch)]

VETCH, SAND [see VICIA villosa Roth (Sand Vetch)]

VICIA faba L.

Bacterium viciae Uyeda: Takimoto, S., 1915b.

Gibberella saubinetii (Mont.) Sacc.: Miyake, Chuichi, 1924.

Phytomonas viciae Yü: Yü, Ta-fu, 1936b.

VICIA villosa Roth (Sand Vetch)

Ovularia schwarziiana Magn.: Tanaka, Ichirô, and Iwadare, S., 1931c.

VIGNA catjang Walp. var. sinensis King

Cercospora vignicola Kawamura: Kawamura, Eikichi, 1931a.

VITIS (Grape)

Acrosporum viticola Ikata: Ikata, Suehiko, and Hitomi, T., 1931.

Coniothyrium: Nishikado, Y., 1923.

Dematophora necatrix Hartig: Nomura, H., 1901b.

Glomerella rufomaculans Spaulding & v. Schrenk: Hara, Kanesuke, 1911c.

Physalospora: Nishikado, Y., 1923.

Physalospora baccae Cavarra: Nishikado, Y., 1921.

Root-neck blight: Hiura, M., 1924b.

WASABIA pungens Matsumura

Bacillus alliariae Ômori: Ômori, J., 1896c.

WEEDS

Diseases: Desiatkin, N. L., 1936a.

Fungi: Hanzawa, Jun, 1910a.

WHEAT [see TRITICUM (Wheat)]

WILD PLANTS [see PLANTS, WILD]

WILLOW [see SALIX (Willow)]

WISTARIA

Bacillus milleti ac Kawakami & Ikata: Hino, Iwao, 1933b.

WOOD

Chlorosplenium aeruginellum (Nyl.) Karst.: Akai, S., 1934.

Chlorosplenium aeruginosum (Oeder) Karst.: Akai, S., 1934.

Decay: Burt, E. A., 1931.

Wai, Ngan-shou, 1928.

Sap stain: Nishikado, Y., and Yamauti, K., 1933-35.

WOODY PLANTS [see PLANTS, WOODY]

YAM [see DIOSCOREA (Yam)]

ZEA mays L. (Maize)

Diseases: Nishikado, Y., 1926a.

Helminthosporium: Nishikado, Y., and Miyake, Chuichi, 1926b.

Yü, Ta-fu, 1933.

Helminthosporium maydis Nishikado & Miyake: Nishikado, Y., and Miyake, Chuichi, 1926a, 1926c.

Helminthosporium turcicum Passerini: Nishikado, Y., and Miyake, Chuichi, 1926a, 1926c.

Ophiobolus heterostrophus Drechsler: Nishikado, Y., and Miyake, Chuichi, 1926c.

Yü, Ta-fu, 1933.

ZINGIBER officinale Roscoe

Pseudomonas zingiberi Uyeda: Uyeda, Yei jiro, 1908a.

INVERTEBRATA

ARACHNIDA (Spider)

Isaria arachnophila Ditm. ex P.: Yasuda, A., 1894c.

BOMBYX mori L. (Silk Worm)

Aspergillus flavus Lk.: Nomura, H., 1897.

Aspergillus glaucus Lk.: Nomura, H., 1897.

COLEOPTERA (Beetle)

Tilachlidiopsis: Yakushiki, E., and Kumazawa, M., 1930c.

HOMOPTERA (Scale Insect)

Fungi: Miyabe, K., and Sawada, Kaneyoshi, 1913.

Sawada, Kaneyoshi, 1914d.

HYMENOPTERA (Ant)

Fungi: Bequaert, J., 1922.

INSECTA

Fungi: Hara, Kanesuke, 1914b.

Petch, T., 1914, 1921, 1931-35.

Sawada, Kaneyoshi, 1914b.

LATOUCHIA japonica Kishida

Isaria atypicola Yasuda: Yakushiiji, E., and Kumazawa, M., 1930d.

PYRAUSTA nubilalis Hübner

Beauveria bassiana (Bals.) Vuill.: Lefebvre, C. L., 1931.

Beauveria globulifera (Speg.) Picard: Lefebvre, C. L., 1931.

